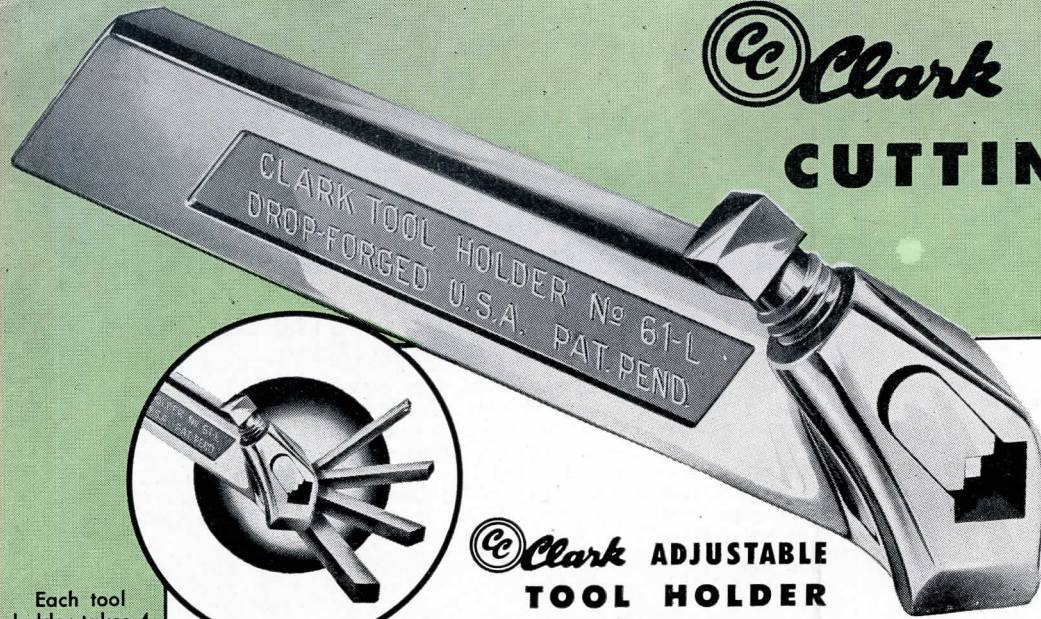


Clark ADJUSTABLE CUTTING TOOLS



Vise-grip jaw runs full length of cutter channel.

Clark ADJUSTABLE TOOL HOLDER

Positive Tool Bit Rigidity Means Higher Speeds, Faster Feeds, Deeper Cuts!

Exclusive, adjustable vise-grip jaw exerts equalized pressure over *full* length of cutter channel. Instead of a different tool holder for every size of tool bit, equalizing grip of Clark Tool Holder rigidly secures, both vertically and horizontally, any size or shape of tool bit within capacity of holder.

Clark Adjustable Tool Holders are drop forged, heat treated and hardened for maximum resistance to mushrooming and wear. This extra strength, together with equalized pressure, prevents wear in channel immediately below set screw. Set screw is National standard thread. In addition to Clark Adjustable Tool Holders with standard 15° cutter channel, there are Clark Parallel Adjustable Tool Holders for carbide bits, threading tools, and boring bars.

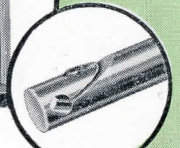
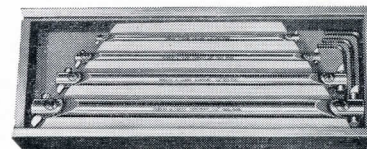
Only the Clark Lathe Tool Holder Has ALL These Features:

1. Each tool holder takes 4 or more sizes of square or round tool bits.
2. Vise-grip jaw rigidly clamps short tool bits and stub ends.
3. Firmly holds dual and narrow tool bits for cutting-off or special forming operations.
4. Tilted position of head gives operator unobstructed view of cutting edge.
5. Vise-grip securely holds and supports carbide bits, threading tools and boring bars. Protruding underlip prevents breakage.

LEFT HAND No.	RIGHT HAND No.	SIZE OF HOLDER	SIZE OF CUTTERS	A.S.A. STANDARD TOOL POST OPENINGS WIDTH INCHES	APPROX. SIZE OR SWING OF LATHES (Check Tool Post Opening for Correct Shank Size)	APPROX. WEIGHT EACH	PRICE
STANDARD 15° CUTTER CHANNEL							
60L	60R	3/8 x 7/8 x 5 1/2	1/8 3/16 1/4 5/16 3/8 7/16 1/2 5/8	1/2 or 5/8	7 to 12 inches	3/4 #	\$ 6.55
61L	61R	1/2 x 1 1/8 x 6 1/2	1/4 5/16 3/8 7/16 1/2 5/8	11/16 or 13/16	12 to 16 inches	1 1/2 #	7.50
62L	62R	5/8 x 1 1/2 x 8	3/8 7/16 1/2 5/8	13/16 or 1	16 to 20 inches	2 1/2 #	9.15
64L	64R	7/8 x 1 7/8 x 9 1/2	1/2 5/8 3/4 7/8	1 1/8 or 1 1/4	20 to 40 inches	5 1/2 #	11.20
PARALLEL CUTTER CHANNEL—For Carbide Tools, Boring Bars, and Threading Tools							
P60L	P60R	3/8 x 7/8 x 5 1/2	1/8 3/16 1/4 5/16 3/8 7/16 1/2 5/8	1/2 or 5/8	7 to 12 inches	3/4 #	\$ 7.25
P61L	P61R	1/2 x 1 1/8 x 6 1/2	1/4 5/16 3/8 7/16 1/2 5/8	11/16 or 13/16	12 to 16 inches	1 1/2 #	8.25
P62L	P62R	5/8 x 1 1/2 x 8	3/8 7/16 1/2 5/8	13/16 or 1	16 to 20 inches	2 1/2 #	9.85
P64L	P64R	7/8 x 1 7/8 x 9 1/2	1/2 5/8 3/4 7/8	1 1/8 or 1 1/4	20 to 40 inches	6 #	12.40

Clark LEVER-LOCK BORING BARS . . .

3/16" to 1/2"—High Speed or Carbide Bits Ground Tool bit held on extreme end of boring bar without interfering set screws or bolts. Each bar provided with a 15° holding channel in one end and right angle channel in other. Set of 4 come packed in sturdy wooden box. With each bar is one thread tool bit and one cutter for boring. *The set complete* with high-speed steel blades \$ 8.70



Exclusive Clark Lever-Lock securely grips tool bit.

BORING BARS COMPLETE					BLANK BITS (Unground) SOLD ONLY IN STANDARD PACKAGES OF 1/2 DOZEN OF A NUMBER		BORING BITS (Precision Ground) SOLD ONLY IN STANDARD PACKAGES OF 1/2 DOZEN OF A NUMBER				THREAD CUTTING BITS (Precision Ground) Packed 1/2 doz per size				
BORING BAR NO.	DIAM. IN.	LGTH. IN.	USED WITH CLARK TOOL HOLDER NO.	PRICE EACH HIGH SPEED	HIGH SPEED STEEL (18-4-1 Tungsten)		HIGH SPEED STEEL (18-4-1 Tungsten)		CARBIDE FOR MACHINING FOR MACHINING STEEL NON-FERROUS				HIGH SPEED STEEL (18-4-1 Tungsten)		
					DIAM. BITS	NO. PRICE PER DOZ.	NO. PRICE PER DOZ.	NO. PRICE PER DOZ.	NO. PRICE PER DOZ.	NO. PRICE PER DOZ.					
951	3/16	5	P60R, P61R	\$2.25	3/16	10 951	\$1.44	13 951	\$6.24	15 951	\$21.60	14 951	\$21.60	16 951	\$6.24
952	1/4	6	P60R, P61R, P62R	2.25	1/4	10 952	1.44	13 952	6.24	15 952	24.00	14 952	24.00	16 952	6.24
953	5/16	7	P61R, P62R, P64R	2.50	5/16	10 953	1.92	13 953	7.20	15 953	36.00	14 953	36.00	16 953	7.20
954	3/8	8	P62R, P64R	2.85	3/8	10 954	2.40	13 954	8.64	15 954	60.00	14 954	60.00	16 954	8.64
959	Set of Four Bars in Wood Box				8.70										
Deep freeze process used on high speed Bits.					CARBIDE—Blank Carbide Bits for Clark Boring Bars are Standard Stock Items with Carboloy Co. and Others.					CARBIDE—Not Recommended for Internal Thread Cutting in Steel.					

Deep freeze process used on high speed Bits.

CARBIDE—Blank Carbide Bits for Clark Boring Bars are Standard Stock Items with Carbide Co. and Others.

CARBIDE—Not Recommended for Internal Thread Cutting in Steel.



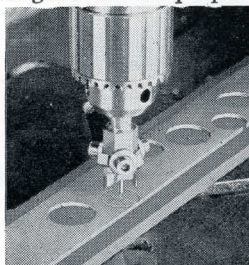
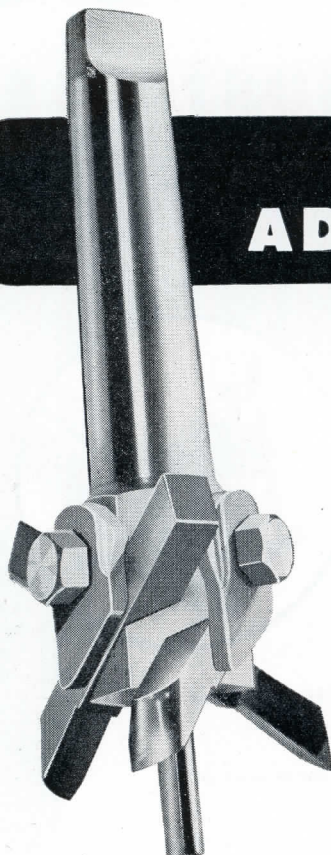
"P" Series Tool Holders rigidly hold boring bars, carbide bits or thread tool bits.

Clark 3-BLADE ADJUSTABLE HOLE CUTTERS

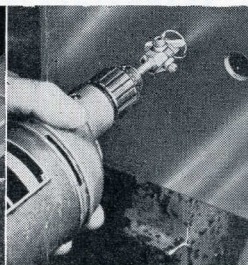
CLARK HOLE CUTTERS CUT ACCURATE, CLEAN HOLES QUICKLY!

Cutter blades are replaceable, easy to sharpen, easy to set

Finished cuts the first time in boiler plate, pipe, plastics, hard fibre, stainless steel, Transite, and other problem materials—no after grinding or chipping necessary. Body is made from carefully selected, heat-treated steel and consists of a tapered or straight shank into which are set 3 high-speed steel blades spaced 120° apart. Clark Hole Cutter is simple to adjust, yet performs more efficiently and has longer life than fixed radius cutters of same size. Models cover variable expansions from 3/8" to 5" holes and have thickness capacities from thin sheets to 1". All Clark Hole Cutters will cut clean holes through curved surfaces—in pipe, tanks, cylinders, etc., but models 4C and 5C are specially designed for this purpose. Pilots are removable to permit the use of lead drills.



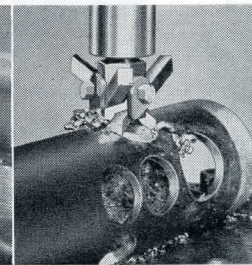
NO. 00 WITH RETRACTABLE
PILOT CUTTING PLASTICS



IN PORTABLE DRILL
EASILY CUTS STEEL PLATE



NO. 4C. WITH SPECIAL
PILOT FOR DEEP HOLES



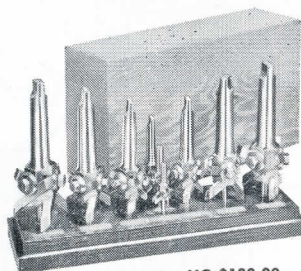
NO. 4C OR 5C. CUTS
CLEAN HOLES IN PIPE

Model Expansion No. Capacity	Designed for:	Thickness Capacity	Shank Sizes	H. S. Blade Size	Pilot Size	Efficient in:	Recommended Speed	Ship. Wt.	Price	Ex. Blades Set of 3
00 5/8"-1 1/4"	Small Holes, Light Work	1/8"	3/8" SS* or No. 1 MT	3/16"	1/8" (Drill)	Electric Drill	500 R.P.M. or Less	1 lb.	\$10.00	\$1.50
0 3/4"-1 1/2"	Small Holes, Light Work	1/4"	3/8" SS* or 1/2" SS or No. 2 MT	1/4"	3/16"	Light Drill Presses	500 R.P.M. or Less	1	10.00	1.50
1 1"-2 1/2"	Sheet Metal, Plastics, Hard Fibre, Etc.	1/4"	1/2" SS* or 2 or 3 MT	3/16"	1/4"	Electric Drills Pneumatic Drills	500 R.P.M. or Less	1 1/2 -	15.00	3.00
2 1 1/2"-3"	Sheet Metal, Air- craft, Elec. Shops	1/2"	No. 2* MT No. 3 MT	3/8"	3/8"	Light Drill Presses	100 to 500 R.P.M. in Air Motor	2 1/4	18.00	4.00
3 2"-3 1/2"	Port. Drilling, on Bulkh'ds, Deck Plates	5/8"	1/2" SS or No. 2* or No. 3 MT	3/16"	3/8"	Portable Motor	100 to 500 R.P.M. in Portable	2 3/4	20.00	4.50
4 2 1/2"-4"	Ship Deck Plates and Boiler Shops	3/4"	No. 4 MT	1/2"	3/8"	Heavy Drill Press	50 to 125 R.P.M. in Drill Press	3 3/4	25.00	5.00
4-C 1 1/2"-3"	Curved Surfaces— Pipe, Tanks, Etc.	1/2"	No. 4 MT	1/2"	3/8"	Heavy Drill Presses	40 to 100 R.P.M. in Drill Press	5 1/4	30.00	7.50
5 3"-5"	Heavy Duty	1"	No. 4 MT	5/8"	1/2"		40 to 100 R.P.M. in Drill Press	5 1/4	30.00	7.50
5-C 2 1/2"-4"	Curved Surfaces— Pipe, Tanks, Etc.	3/4"	No. 4 MT	5/8"	1/2"					

3/4" or 1/2" straight shank is optional on the #00.

*Note: Where there is a choice of shank sizes, those marked with an asterisk will be shipped unless otherwise specified. Shank sizes not listed will be quoted on request. There is an extra charge for spring action retractable pilots or for pilots larger than standard.

Carbide tipped blades can be provided for non-ferrous metals and plastics, wood, fibre, hard rubber, etc., when required. Prices on application.



Set No. HC \$183.00



Set No. CD3 \$54.00

Clark HOLE CUTTER SETS

Set No. HC consists of one each Hole Cutter No. 00 to 5C, incl., as listed above, mounted in convenient wood crib box. Shipping weight 37 lbs. \$183.00

Set No. HCG with Grinding Fixture.† Shipping weight 40 lbs. \$205.50

Set No. HCX is same as the HC set and includes one set of extra blades for each tool. Shipping weight 42 lbs. \$222.50

Set No. HCXG with Grinding Fixture.† Shipping weight 45 lbs. \$245.00

†Clark Grinding Fixture Model C simplifies grinding and assures accuracy in resharpening Clark Hole Cutter Blades.

Set No. CD3—(Illustrated at lower left and described below).....complete \$54.00

Set includes one each of these tools with an extra set of factory-sharpened blades for each tool and an Allen wrench for No. 00. Packed in a sturdy crib-box that prevents damage to blades, pilots, and shanks.

Model No.	Shank Size	Expansion Capacity*	Thickness Capacity**
00	5/8" S.S.	5/8"-1 1/4"	1/8"
1	1/2" S.S.	1"-2 1/2"	1/4"
3	1/2" S.S.	2"-3 1/2"	5/8"

*Other Clark Cutters covering diameters to 10" or more may be purchased separately.

**Thickness capacities may be doubled where work can be reversed.



ADJUSTABLE CUTTING TOOLS FOR ALL MATERIALS

Copyright 1945 R.H.C. Co. Prices apply only in U.S.A. Patents have been issued or are pending on all Clark Cutters in this catalog.



3-BLADE ADJUSTABLE FACE MILLING CUTTER

An efficient tool for surface facing in horizontal or vertical milling machines. Ideal as an emergency repair tool, for dressing castings of any metal, and many other end mill, facing mill and slab mill operations. Easy to resharpen and renew the blades.

WITH THREE HIGH-SPEED STEEL BLADES

Model No.	Expansion Capacity	Standard Size Shanks Specify Size & Type	Blade Size	Price Each	Extra H.S. Blades Set of 3	Carbide Tipped Blades Set of 3
11	1 1/4"-2 1/2"	No. 7" B&S or No. 2 Morse Taper	3/8"	15.00	3.00	8.40
12	1 1/2"-3"	No. 9" B&S or No. 3 Morse Taper	3/8"	18.00	4.00	8.55
14	2 1/2"-4"	No. 10" B&S or No. 4 Morse Taper	1/2"	25.00	5.00	9.60
15	3"-5"	No. 11" B&S or No. 4 Morse Taper	3/8"	30.00	7.50	10.50

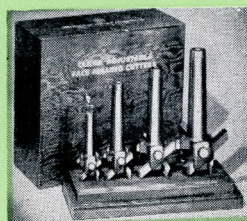
When No. 20, No. 30, No. 40 or No. 50 M.M. Standard Tapers are required, we recommend the use of adapter sleeves, or we can provide tools with these special shanks for \$38.00 extra.

SET NO. SF consists of one of each Face Milling Cutter listed above, mounted in wood crib box to protect blades and shanks.

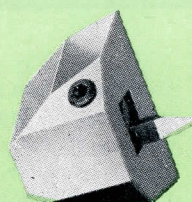
Price complete set\$88.00
Shipping Weight 15 Lbs.

*NOTE: When shank specification is not given, B & S shanks will be shipped.

Models 12, 14, 15 equipped with B&S Tapers are fitted with 1 1/2" deep draw bar hole 1 1/2"-13RH Thread.



THREAD TOOL GRINDING FIXTURES



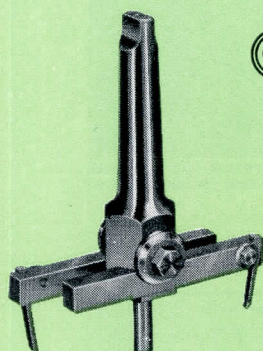
Fixed angles for 29° or 60° thread tool bits ...rough or fine thread.

No graduated scales or moving parts to wear out. Every compound angle exactly determined to provide correct thread angle and clearance.

Models A and B. Guaranteed tolerance ± 5 minutes in grinding both National 60° and Acme 29° left or right hand or straight thread tool bits! May be used on any surface or cutter grinder. Used with magnetic chuck, or clamps to work table.

Model C. Faces pitched at special angles for sharpening Clark 3-Blade Hole Cutter blades.

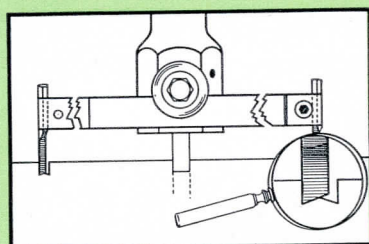
MODEL	SIZE	CAPACITY	WEIGHT	PRICE With Adaptors
A	2 3/8" x 2 1/8" x 1 5/8"	1/8" - 3/8" bits	1 1/2 lbs.	\$16.75
B	3 3/4" x 4 1/8" x 3 1/2"	1/8" - 5/8" bits	6 1/2 lbs.	35.00
B-1	3 3/4" x 4 1/8" x 3 1/2"	1/2" - 1" bits	7 1/2 lbs.	45.00
C	For Clark Hole Cutter Blades	3/16" - 5/8" bits	3 1/2 lbs.	22.50



ADJUSTABLE FLY CUTTERS

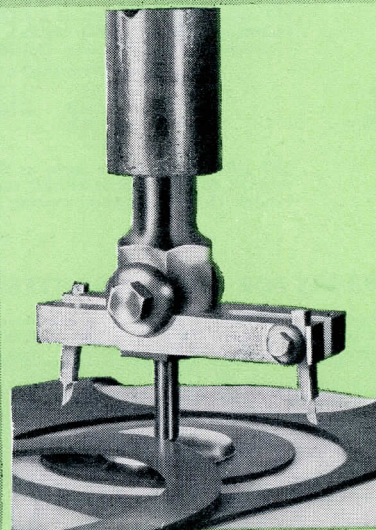
Cut quick, clean, large-diameter holes or discs from metals, plastics, and hard-to-work materials.

Cut all diameters from 2 1/2 to 10 inches with only 2 models. 1" thickness capacity.



Unique angles at which blades are held and new grinding technique prevents chatter. Shank is heat-treated, pilot is hardened and ground.

Model No.	22	25
Expansion Capacity	2 1/2"-5"	4"-10"
Thickness Capacity	1"	1"
Shank Size	1/2" SS or No. 2 or 3 M.T.	No. 3 or 4 Morse Taper
Pilot Size	1/4"	1/2"
Shipping Weight	4 1/4 lbs.	7 lbs.
Price, Each with H.S. Blades	\$22.50	\$30.00
Extra H.S. Blades, set of 2	\$ 5.00	\$ 5.00
Extra Carbide Blades (A Grade), set of 2	\$ 7.50	\$ 7.50

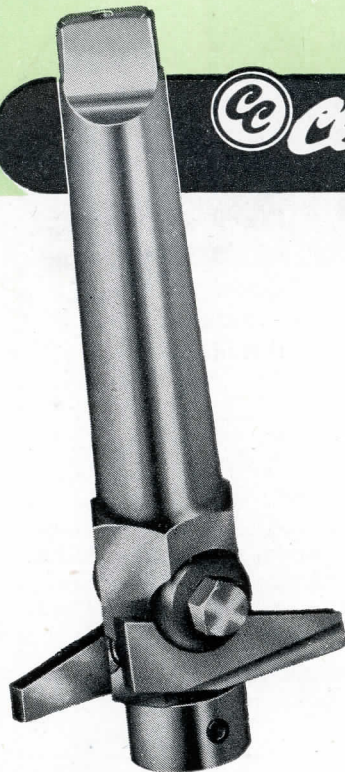


2-BLADE ADJUSTABLE GASKET CUTTER

Cuts Inside and Outside Circles at the same time!

Cuts gaskets from thin or flexible material including fibre, plastics, live rubber, and similar products. Equipped with two high-speed steel knife-like blades and a *spring action retractable pilot*. A disc with center for pilot point to rest in serves as a clamp to hold flexible material in position and prevents damage to the center of work. *Discs are not furnished with the tool.*

Model No.	22-G	25-G
Expansion Capacity, ins.	2 1/2"-5"	4"-10"
Morse Taper Shank Size	No. 2 or 3	No. 3 or 4
Retractable Pilot Size	1/4"	1/2"
Price, Each	\$22.50	\$30.00
Extra Blades Set of 2	5.00	5.00

**Clark****ADJUSTABLE COUNTERBORE & SPOT FACER***Adjustable Cutting Range 1/4" to 5 1/2"*

Cuts fast... no chatter... no burr-locked pilots! No more "specials"—Clark Counterbores cut all fractional diameters. Each tool does the work of 7 or more fixed-radius cutters, thereby reducing tool inventory costs. Removable blades are easy to sharpen. Exclusive burr-preventing interchangeable pilots available from 3/16" up, by sixteenths. Pilot pin and one minimum size bushing pilot provided with each tool. Chip clearance allows greater feed and R.P.M. speeds.

WITH HIGH-SPEED BLADES			WITH CAST ALLOY BLADES			SPECIFICATION DATA				
Tool No.	Price Each	Extra Blades Set of 2	Tool No.	Price Each	Extra Blades Set of 2	Cutting Range Outside Diameter†	Standard Shank Size	Diam. of Pilot Pin	Range of Pilot Sizes Pin Type Bushing Type	Size of Pilot Furnished with Tool
40-H	\$6.00	\$1.00‡	41B-C	15.00	\$7.50	1/4 to 5/16	1/4 SS	3/16	3/16 to 3/8	102 - 3/16"
41B-H	10.00	2.50	42B-C	17.50	8.00	3/8 to 1/2	1/4 or 3/8 *SS or 1 MT	3/8	3/8 to 7/16	104B - 1/4"
42B-H	12.50	3.00	43B-C	20.00	8.50	1/2 to 1	1/2 *SS or 1 MT	1/2	1/2 to 5/8	112 - 1/2"
43B-H	15.00	3.50	44-C	25.00	15.00	1 1/8 to 1 3/8	1/2 *SS or 1 MT	1/2	1/2 to 1 1/8	112 - 1 1/2"
44-H	17.50	5.00	45-C	30.00	15.00	1 3/8 to 2	2 *MT or 3 MT	1/2	1/2 to 1 3/8	113 - 3/8"
45-H	21.50	6.50	46-C	45.00	24.00	2 to 2 1/2	3 MT	1/2	3/8 to 2 1/8	116 - 3/4"
46-H	30.00	9.00	47-C	60.00	35.00	2 1/2 to 3 1/2	4 MT	1/2	1/2 to 3 3/8	122 - 1 1/2"
47-H	37.00	12.00	48-C	75.00	40.00	3 1/2 to 4 1/2	4 *MT or 5 MT	1/2	1 1/2 to 4 1/2	136 - 1 1/2"
48-H	49.00	14.00				4 1/2 to 5 1/2	4 *MT or 5 MT	1/2	2 to 5 1/2	152 - 2"

Extra Dowel Pins for Model 44, 45, 46, 47, 48—Hardened and Ground: 1/4" — 35¢ Each, 1/2" — 50¢ Each. Approx. weight each in pounds: No. 40—1/2; No. 41—1/2; No. 42—1/2; No. 43—1/4; No. 44—1/4; No. 45—2; No. 46—4; No. 47—7; No. 48—8. Models No. 41B, 42B and 43B supersede original models No. 41, 41A, 42, 42A, 43 and 43A.

†The actual minimum outside diameter cutting capacity of each tool is the size of the smallest pilot listed for that tool. However, to cut diameters smaller than the minimum capacities listed, it is necessary to grind off the

ends of the blades or use special blades ground to adjust to the required size.

‡Model No. 40 has one blade, high speed only, priced at \$1.00 each. To cut minimum diameter regrind radius.

*NOTE: Shank sizes marked with an asterisk will be shipped unless otherwise specified. Shank sizes not listed will be quoted on request.

Set No.
CS-1H
\$50.65

SET NO. CS-1H consists of 4 COUNTERBORE SPOT FACERS NO. 40-H to 43B-H inclusive (HIGH SPEED blades) with assortment of 11 extra pilots, mounted in a convenient wood crib box. Outside diameter cutting range 1/4" to 1 3/8". \$50.65

Pilots (furnished on tool)

Extra Pilots

102	103B	114
104B	104	118
105B	105B	120
112	106	109B

SET NO. CS-1C is the same as Set No. CS-1H but tools are equipped with CAST ALLOY SUPER HIGH-SPEED blades except No. 40-H which has regular high-speed blades. Outside diameter cutting range 1/4" to 1 3/8". \$65.65

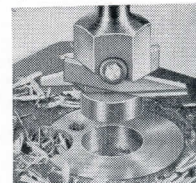
SET NO. CS-2H consists of 6 COUNTERBORE SPOT FACERS NO. 40-H to 45-H inclusive (HIGH-SPEED blades), with assortment of 19 extra pilots, mounted in a convenient wood crib box. Outside diameter cutting range 1/4" to 2 1/2". \$111.90

Pilots (furnished on tool)

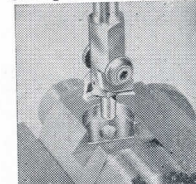
Extra Pilots

102	113	103B	106B	114	127	143
104B	116	104	107B	118	131	147
105B		105B	108B	120	135	151
112		106	109B	123	139	

SET NO. CS-2C is the same as Set No. CS-2H but tools are equipped with CAST ALLOY SUPER HIGH-SPEED blades except No. 40-H which has regular high-speed blades. Outside diameter cutting range 1/4" to 2 1/2". \$142.90



Facing 5/2" Diameter in Casting on Heavy Drill Press



Spotfacing 9/16" Diameter in Steel on Light Drill Press

NON-BURRING PILOTS FOR CLARK COUNTERBORES AND SPOT FACERS, HARDENED AND GROUND

Pilot No.	Pilot Dia.	Hole Size	For Tool Number	Price Each	Pilot No.	Pilot Dia.	Hole Size	For Tool Number	Price Each	Pilot No.	Pilot Dia.	Hole Size	For Tool Number	Price Each
101	3/32	3/8	Pin 40	.50	114	5/8	1/4	41, 42, 43, 44..	.70	147	1 7/8	1/4	44 & 45	3.75
102	1/8	3/8	Pin 40	.50	115	1 1/8	1/4	41, 42, 43, 44..	.80	148	1 7/8	3/8	46 & 47	3.75
103	1/8	3/8	Pin 41	.50	116	1 1/8	3/8	42, 43, 44, 45..	.80	149	1 7/8	1/2	44 & 45	4.00
103A	1/8	3/8	Pin 41A	.50	117	1 1/8	1/4	42, 43, 44, 45..	1.00	150	1 1/8	1/2	46 & 47	4.00
103B	1/8	3/8	Pin 41B	.50	118	1 1/8	3/8	42, 43, 44, 45..	1.00	151	2	1/4	45	4.00
104	1/4	3/8	Pin 40	.50	119	1 1/8	1/4	42, 43, 44, 45..	1.20	152	2	1/2	46, 47 & 48	4.00
104A	1/4	3/8	Pin 41	.50	120	1	1/4	43, 44, 45..	1.20	153	2 1/8	3/4	45	4.50
104AA	1/4	3/8	Pin 41A	.50	121	1 1/8	1/4	43, 44, 45..	1.50	154	2 1/8	1/2	46, 47 & 48	4.50
104B	1/4	3/8	Pin 41B	.50	122	1 1/8	1/2	46	1.50	155	2 1/8	1/4	45	4.50
105	1/4	1/2	Pin 42	.50	123	1 1/8	1/4	43, 44, 45..	1.50	156	2 1/8	1/2	46, 47 & 48	4.50
105A	1/4	1/2	Pin 42A	.50	124	1 1/8	1/2	46	1.50	157	2 1/8	3/4	45	5.00
105B	1/4	1/2	Pin 42B	.50	125	1 1/8	1/4	43, 44, 45..	1.80	158	2 1/8	1/2	46, 47 & 48	5.00
106	1/2	1/2	Pin 40	.55	126	1 1/8	1/2	46	1.80	159	2 1/4	3/4	45	5.00
106A	1/2	1/2	Pin 41	.55	127	1 1/4	1/4	43, 44, 45..	1.80	160	2 1/4	1/2	46, 47 & 48	5.00
106AA	1/2	1/2	Pin 41A	.55	128	1 1/4	1/2	46	1.80	161	2 1/8	1/4	45	5.50
106B	1/2	1/2	Pin 41B	.55	129	1 1/4	1/4	43, 44, 45..	2.20	162	2 1/8	1/2	46, 47 & 48	5.50
107	1/2	3/4	Pin 42	.55	130	1 1/4	1/2	46	2.20	163	2 3/8	1/4	45	5.50
107A	1/2	3/4	Pin 42A	.55	131	1 3/8	1/4	44 & 45	2.20	164	2 3/8	1/2	46, 47 & 48	5.50
107B	1/2	3/4	Pin 42B	.55	132	1 3/8	1/2	46	2.20	165	2 1/2	3/4	45	6.00
108A	3/8	3/8	Pin 41	.55	133	1 1/2	1/4	44 & 45	2.50	166	2 1/2	1/2	46, 47 & 48	6.00
108AA	3/8	3/8	Pin 41A	.55	134	1 1/2	1/2	46	2.50	167	2 1/2	1/2	46, 47 & 48	6.00
108B	3/8	3/8	Pin 41B	.55	135	1 1/2	3/8	44 & 45	2.50	168	2 1/2	1/2	46, 47 & 48	6.25
109	3/8	1/2	Pin 42 & 43	.55	136	1 1/2	1/2	46 & 47	2.50	169	2 3/8	1/2	46, 47 & 48	6.25
109A	3/8	1/2	Pin 42A & 43A	.55	137	1 1/2	3/8	44 & 45	3.00	170	2 1/2	1/2	46, 47 & 48	6.50
109B	3/8	1/2	Pin 42B & 43B	.55	138	1 1/2	1/2	46 & 47	3.00	171	2 3/4	1/2	46, 47 & 48	6.50
110A	1/2	3/8	Pin 41	.60	139	1 3/8	1/4	44 & 45	3.00	172	2 1/2	1/2	46, 47 & 48	6.75
110AA	1/2	3/8	Pin 41A	.60	140	1 3/8	1/2	46 & 47	3.00	173	2 3/8	1/2	46, 47 & 48	6.75
110B	1/2	3/8	Pin 41B	.60	141	1 1/2	1/4	44 & 45	3.50	174	2 1/2	1/2	46, 47 & 48	7.00
111	1/2	1/2	Pin 42 & 43	.60	142	1 1/2	1/2	46 & 47	3.50	175	3	1/2	46, 47 & 48	7.00
111A	1/2	1/2	Pin 42A & 43A	.60	143	1 3/4	1/4	44 & 45	3.50					
111B	1/2	1/2	Pin 42B & 43B	.60	144	1 3/4	1/2	46 & 47	3.50					
112	1/2	1/2	Pin 41, 42, 43, 44..	.60	145	1 3/8	1/4	44 & 45	3.75					
113	1/2	1/2	Pin 41, 42, 43, 44..	.70	146	1 3/8	1/2	46 & 47	3.75					

Sizes larger than 3-inch quoted on application. Order by number and specify tool number with which pilot will be used.

Form No. J2—1-46

Robert H. Clark Company

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